

04-24-2001

APR 07 2003



101685058

3.26.01

RECORDATION FORM COVER SHEET

PATENTS ONLY

Express Mail No. EL 501 740 506 US

Attorney Docket Number
9426-004-999

HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS

Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

The University of Virginia

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: March 21, 2001

2. Name and address of receiving party(ies):

Name: The University of Virginia Patent Foundation

Address: 1224 West Main Street, Suite 1-110
Charlottesville, VA 22903

Country (if other than USA):

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s) 09/720,282 filed December 19, 2000

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 10036

6. Number of applications

and patents involved: one

7. Total fee (37 CFR 3.41): \$ 40.00

Please charge to the deposit account listed in
Section 8.

8. Deposit account number:

16-1150

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Geraldine F. Baldwin

31,232

Name of Person Signing Reg. No.

Signature

Date

March 26, 2001

Total number of pages including cover sheet:

02

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 2023104/23/2001 6TON11 00000066 161150 09720282
01 FC:581 40.00 CH

ASSIGNMENT

WHEREAS, THE UNIVERSITY OF VIRGINIA, ASSIGNOR, an institute of higher education organized under the Commonwealth of Virginia, having an office and principal place of business at Charlottesville, Virginia, is the owner of the entire right, title and interest in and to the application for United States Letters Patent filed in the name of John C. Herr and Scott A. Coonrod, for EGG SURFACE PROTEINS AND METHODS OF THEIR USE FOR MODULATING FERTILITY and of the invention therein described; and

- ☑ which is identified by Pennie & Edmonds LLP docket no. 9426-004-999
- ☑ which was filed on December 19, 2000, Application No. 09/720,282

and WHEREAS, UNIVERSITY OF VIRGINIA PATENT FOUNDATION, ASSIGNEE, a non-profit organization organized under the laws of the Commonwealth of Virginia and having a principal place of business at Towers Office Building, Suite 1-110, 1224 West Main Street, Charlottesville, Virginia 22903, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it has full right to convey the entire interest herein assigned, and that it was not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR HEREBY further covenants and agrees that it will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of MARCH, 2001.

THE UNIVERSITY OF VIRGINIA

By:

David J. Hudson

Associate Vice President for Research

State of Virginia)

) SS.:

County of Albemarle

On this 21 day of March, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared DAVID J. HUDSON, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Laura K Matheny Notary Public.
07-31-03

APR 07 2003

RECORDATION FORM COVER SHEET
PATENTS ONLY

04-27-2001



101694976

TO THE HONORABLE COMMISSIONER OF PATENTS AND
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

John C. Herr and Scott A. Coonrod

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: March 9, 2001 and March 13, 2001

2. Name and address of receiving party(ies):

Name: The University of VirginiaAddress: 1224 West Main Street, Suite 1-110
Charlottesville, VA 22903

Country (if other than USA): _____

RECEIVED

APR 09 2003

TECH CENTER 1000/2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) _____

B. Patent No.(s) 09/720,282 filed December 19, 2000Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 100366. Number of applications and patents involved: one7. Total fee (37 CFR 3.41):.....\$ 40.00
Please charge to the deposit account listed in Section 8.8. Deposit account number:
16-1150**DO NOT USE THIS SPACE**

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Geraldine F. Baldwin31,232

Name of Person Signing Reg. No.

Signature

March 26, 2001

Date

Total number of pages including cover sheet:

03Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, WE, John C. Herr and Scott A. Coonrod, ASSIGNORS, each citizens of the United States, residing at 2545 Cedar Ridge Lane, Charlottesville, Virginia, 22901, and 239 Colonnade Drive, No. 2, Charlottesville, Virginia, 22903, are the inventors of the invention in EGG SURFACE PROTEINS AND METHODS OF THEIR USE FOR MODULATING FERTILITY for which we have executed an application for a Patent of the United States

- ☑ which is identified by Pennie & Edmonds LLP docket no. 9426-004
- ☑ which was filed on December 19, 2000, Application No. 09/720,282

and WHEREAS, The University of Virginia, an institute of higher education organized under the Commonwealth of Virginia, having a principle place of business at Charlottesville, Virginia, 22903, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 03-13-2001, 2001

John C. Herr

John C. Herr

L.S.

State of)

County of Albemarle) SS.:

On 03-13, 2001, before me, Wanda Crawford, Notary Public, personally appeared John C. Herr, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Wanda Crawford

My Commission Expires May 31, 2004

Date 3.9.01, 2001

Scott A. Coonrod

(Scott Coonrod) L.S.

State of)
County of Albemarle) SS.:

On 03-13, 2001, before me, Wanda Crawford, Notary Public,
personally appeared Scott A. Coonrod, personally known to me on the basis of satisfactory evidence to be the person(s)
whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon
behalf of which the person(s) acted, executed the instrument.

My Commission Expires May 31, 2004

WITNESS my hand and official seal

Wanda Crawford



2421
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 07, 2001

PTAS

PENNIE & EDMONDS LLP
GERALDINE F. BALDWIN
1155 AVENUE OF THE AMERICAS
NEW YORK, NY 10036



101694976A

9426-004-999

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/26/2001

REEL/FRAME: 011718/0406
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
HERR, JOHN C.

DOC DATE: 03/13/2001

ASSIGNOR:
COONROD, SCOTT A.

DOC DATE: 03/09/2001

ASSIGNEE:
UNIVERSITY OF VIRGINIA, THE ✓
1224 WEST MAIN STREET, SUITE 1-110
CHARLOTTESVILLE, VIRGINIA 22903

SERIAL NUMBER: 09720282 ✓
PATENT NUMBER:

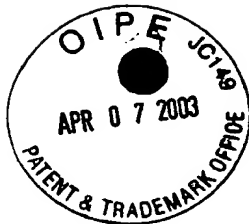
FILING DATE:
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

AUG 02 2001

Baldwin/Thomann

RECEIVED
AUG 09 2003



2421
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 29, 2001

PTAS



101685058A

PENNIE & EDMONDS LLP
GERALDINE F. BALDWIN
1155 AVENUE OF THE AMERICAS
NEW YORK, NY 10036

*COPY, ORIGINAL
SENT BACK*

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/26/2001

REEL/FRAME: 011698/0653
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VIRGINIA, UNIVERSITY OF, THE

DOC DATE: 03/21/2001

ASSIGNEE:

VIRGINIA UNIVERSITY OF PATENT
FOUNDATION, THE
1224 WEST MAIN STREET, SUITE 1-110
CHARLOTTESVILLE, VIRGINIA 22903

SERIAL NUMBER: 09720282 /
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

REFERRED TO <u>W. Thomann</u> REC'D
JUL 16 2001
Pennie & Edmonds O.K. for filing

TECH CENTER 1600/2001

APR 09 2003

RECEIVED